

**VALUE ENGINEERING CHANGE PROPOSAL  
MISSOURI DEPARTMENT OF TRANSPORTATION**

☐ Conceptual Proposal ☐ Final Proposal Date May 26, 2009  
Contract ID 090220-901 Job No. J910603 / 44-2(221)  
County Pulaski I - 44 Original Bid Cost \$4,979,656.04  
Contractor Chester Bros Construction By Scott Gander  
Designed By Robby R. Rakestraw Phone 573-221-5958  
VECP# 09-40 (to be completed by C.O.) VECP ☐ or PDVECP ☒

**1. Description of existing requirements and proposed change(s). Advantages/Disadvantages**

The existing requirements on the plans show 2" of Type 1 Aggregate base being placed on the shoulder in the mill and fill section of the project. Chester Bros Construction proposes to eliminate this Type 1 Aggregate base under the shoulder and reduce the the milling depth in this area. This change would result in the shoulder consisting of 4" of PMBB and 1-3/4" of BP-1 with no base rock under this pavement. The advantage of this change would be an underrun of Type 1 Aggregate base.

2. Estimate of reduction in construction costs. \$23,208.50

3. Prediction of any effects the proposed change(s) will have on other department costs, such as maintenance and operations.

There is no prediction of any effects on other department costs.

4. Anticipated date for submittal of detailed change(s) of items required by Section 104.6 of the Specifications.

May 26, 2009  
(date)

5. Deadline for issuing a change order to obtain maximum cost reduction, noting the effect of contract completion time or delivery schedule.

June 5, 2009  
(date)

N/A

(effect)

6. Dates of any previous or concurrent submission of the same proposal.

N/A  
(date and/or dates)

MAY-26-2009 13:28

5732211892

FHWA  
MO DIV  
RECEIVED  
MAY 29, 2009  
(10:20 AM)  
*[Signature]*

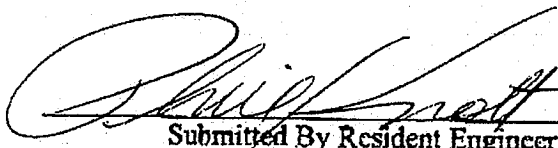
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MAY 26 2009 P. 02  
MoDOT 9CE

## Additional Comments:

**\*\* Portion Below This Line To Be Filled Out by MoDOT \*\***

## Comments:

*Recommend approval as 75/25 as a Practical Design*



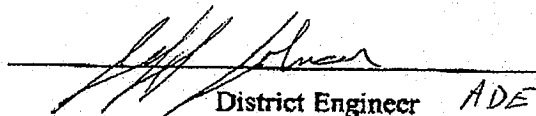
*26 May 09*  
Date

→ 417-469-9024

Submitted By Resident Engineer

## Comments:

- ☒ Approval  
Recommended
- ☐ Rejection  
Recommended

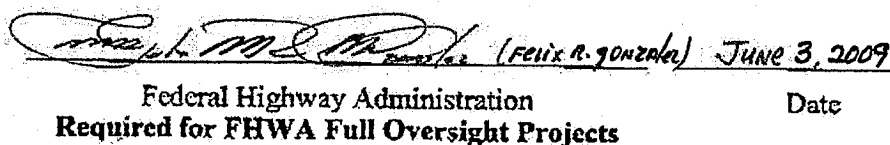
  
District Engineer ADE

*5/27/09*  
Date

## Comments:

*Recommended approval as 75/25.*

- ☒ Approval  
Recommended
- ☐ Rejection  
Recommended

 (Felix R. Gonzalez) June 3, 2009  
Federal Highway Administration  
Required for FHWA Full Oversight Projects

Date

## Comments:

*Approve as Practical Design 75/25  
Split.*

- ☒ Approval
- ☐ Rejection

  
State Construction and Materials Engineer BAW

*6-8-09*  
Date

Distribution: Resident Engineer, Project Manager, District Construction & Materials Engineer, State Construction & Materials Engineer, FHWA  
Value Engineering Administrator - MoDOT, P. O. Box 270, Jefferson City, MO 65102

MAY-26-2009 13:28

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**CHESTER BROSS CONSTRUCTION COMPANY**

P.O. Box 430  
Hannibal, MO 63401

Chester Bross, President  
"Equal Opportunity Employer"

Ph: 573-221-5958  
Fax: 573-221-1892

Contract I.D. 090220-901  
Job No. J910603  
Route I-44, Pulaski County

DATE: 5/26/2009

VECP

<u>Bid Item</u>	<u>Qty</u>	<u>Unit</u>	<u>Bid Price for</u> <u>SP1258SM</u>	<u>Total</u>
3040143 TYPE 1 AGGREGATE FOR BASE (4 IN. THICK)	13,262.00	SY	\$ 1.75	\$ 23,208.50

TOTAL SAVINGS \$ 23,208.50

Project Manager

MAY-26-2009 13:29

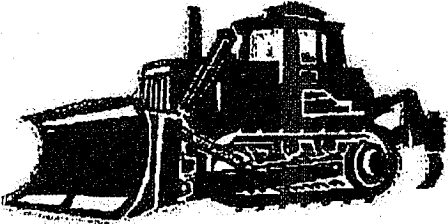
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P.04

# CHESTER BROSS CONSTRUCTION COMPANY

P. O. Box 430 ~ Hannibal, MO 63401

573-221-5958 - Phone ~ 573-221-1892 - Fax



Date: 5/26/09

Number of pages including cover sheet: 4

## FAX

Company: MODOT

To: Phil Knott/David Prock

Phone: 417-469-2589

Fax phone: 417-469-2518

CC:

From: Scott Gander

Time: 1:40 p.m.

Phone: 573-221-5958

Fax phone: 573-221-1892

REMARKS: ☐ Urgent ☒ For your review ☐ Reply ASAP ☐ Please comment

Route I-44 Pulaski

J910603

VE proposal for elimination of Type 1 Agg. On shoulder in Mill/Fill section.

Let me know if you need anything else. Thanks.

Scott

*If you do not wish to receive faxes from our company in the future - please call 800-833-7680.*

# VALUE ENGINEERING CHECK SHEET

## *TYPE OF WORK*

(Check one that applies)

- ☐ Bridge/Structure/Footings
- ☐ Drainage Structures (RCP, RCB, CMP's, ect.)
- ☐ TCP/MOT
- ☒ Paving (PCCP, ect.)
- ☐ Grading/MSE Walls
- ☐ Signal/Lighting/ITS
- ☐ Misc. \_\_\_\_\_

## *SUMMARY OF PROPOSAL*

(If needed, condense summary to a couple of lines)

Existing plans require milling shoulders to existing concrete. Proposed plan is to eliminate 2" type 1 base replacement and reduce the depth of milling by the same amount and to use in place the existing shoulder material.

## *SCANNING OF DOCUMENT*

If the proposal is large, please mark or make note, which pages need to be scanned into the database. If there are special instructions, make note of them here.

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